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DIALOG(R)File 351:Derwent WPI

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Compsns. for binding metal ions - comprising anionic aromatic cpd.  
 adsorbed on aryl-derived macromolecular cpd.

Patent Assignee: DAHN-SIEGEL S (DAHN-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3736950	A	19890511	DE 3736950	A	19871031	198920 B

Priority Applications (No Type Date): DE 3736950 A 19871031

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3736950	A		4		

Abstract (Basic): DE 3736950 A

Compsns. for binding metal ions comprise an aromatic cpd. (I) w  
 hich

is negatively charged in aq. media, and an aryl-derivatised  
 macromolecular cpd. (II) with a mol. wt. above 1500, where (I) is  
 adsorptively bonded to (II) by van der Waals and hydrophobic forces

(I) is a phenyl, benzal, benzyl; phenylsilyl, benzalsilyl or  
 benzylsilyl phosphate or citrate. (II) is a water-soluble polymer,  
 a  
 silicate material or a polysaccharide, esp. an acrylic polymer, por  
 ous  
 glass or cellulose, modified with phenyl, benzal, benzyl, phenylsil  
 yl,  
 benzylsilyl gps.

USE - The compsns. are useful for removing toxic metal ions fro  
 m  
 water or as human or veterinary medicaments for scavenging such ion  
 s  
 from the body.

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Derwent Class: A96; A97; B05; C01; C03; D15; P35

International Patent Class (Additional): A62D-003/00; B01J-020/26